



GABA

**Revised
Edition**

Table Book

Education through Learning

HIGHLIGHTS

Easiest way to set your daily time table.

Understanding of alphabets with the help of pictures.

Recognition of colours with figures.

Counting from 1 to 100, both in figures and words.

Tables from 0 to 20 in very attractive colours.

Learning of numbers and their types with Metric Measures.

Increasing general knowledge at a grass root level and the awareness of time measurement and mathematical symbols.

$$\begin{array}{r}
 2 \times 1 = 2 \\
 2 \times 2 = 4 \\
 2 \times 3 = 6
 \end{array}$$



7:00 a.m.

Time to get up.

Computer

Days of the Week

Day	1	2	3	4	5	6	7
Monday	1						
Tuesday		2					
Wednesday			3				
Thursday				4			
Friday					5		
Saturday						6	
Sunday							7

DAYS OF THE WEEK

ROMAN NUMERALS

In Figures	Roman Numerals	In Figures	Roman Numerals	In Figures	Roman Numerals
1	I	13	XIII	25	XXV
2	II	14	XIV	30	XXX
3	III	15	XV	40	XL
4	IV	16	XVI	50	L
5	V	17	XVII	60	LX
6	VI	18	XVIII	90	XC
7	VII	19	XIX	100	C
8	VIII	20	XX	500	D
9	IX	21	XXI	900	M
10	X	22	XXII	1000	CM
11	XI	23	XXIII	1900	MCM
12	XII	24	XXIV		

10:00

The long hand is at 12.
The short hand is at 10.
It is ten o'clock.

www.iqbalkalmati.blogspot.com

**Edited by:
Rashid Furqan**

Revised Edition



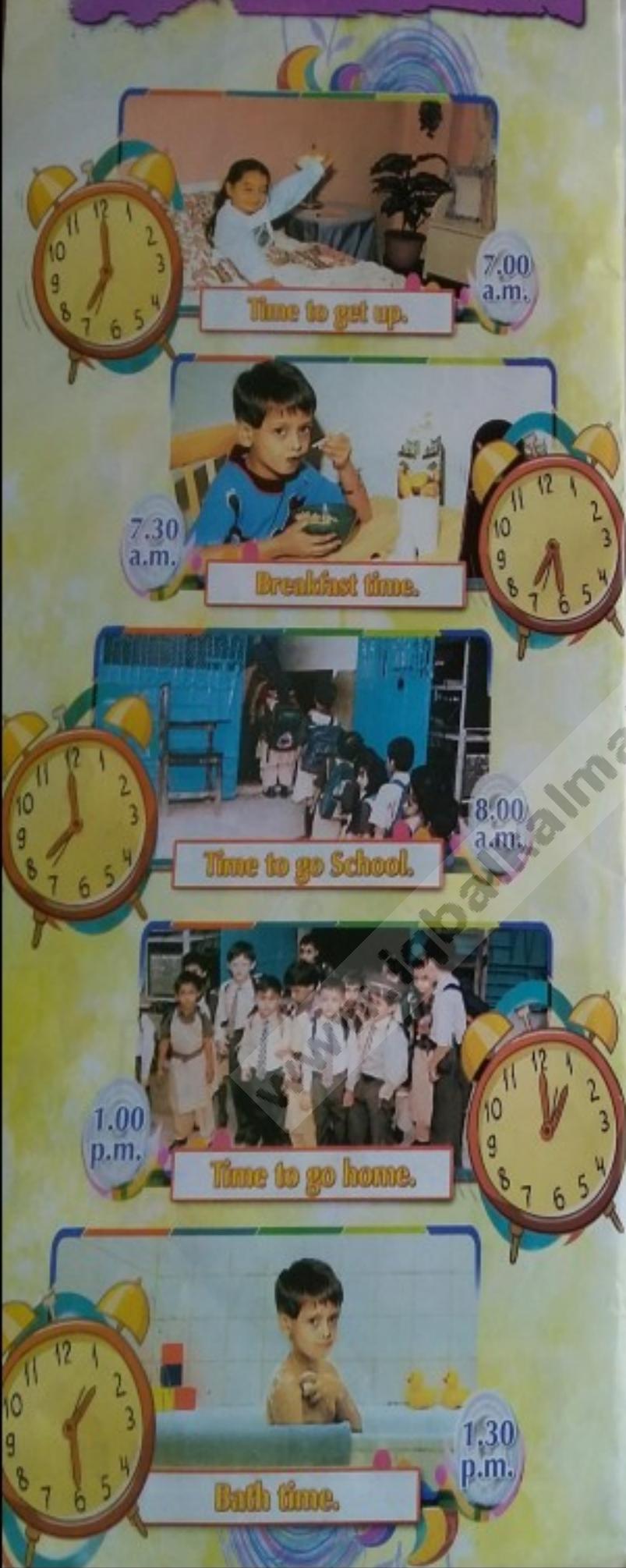
GABA Table Book



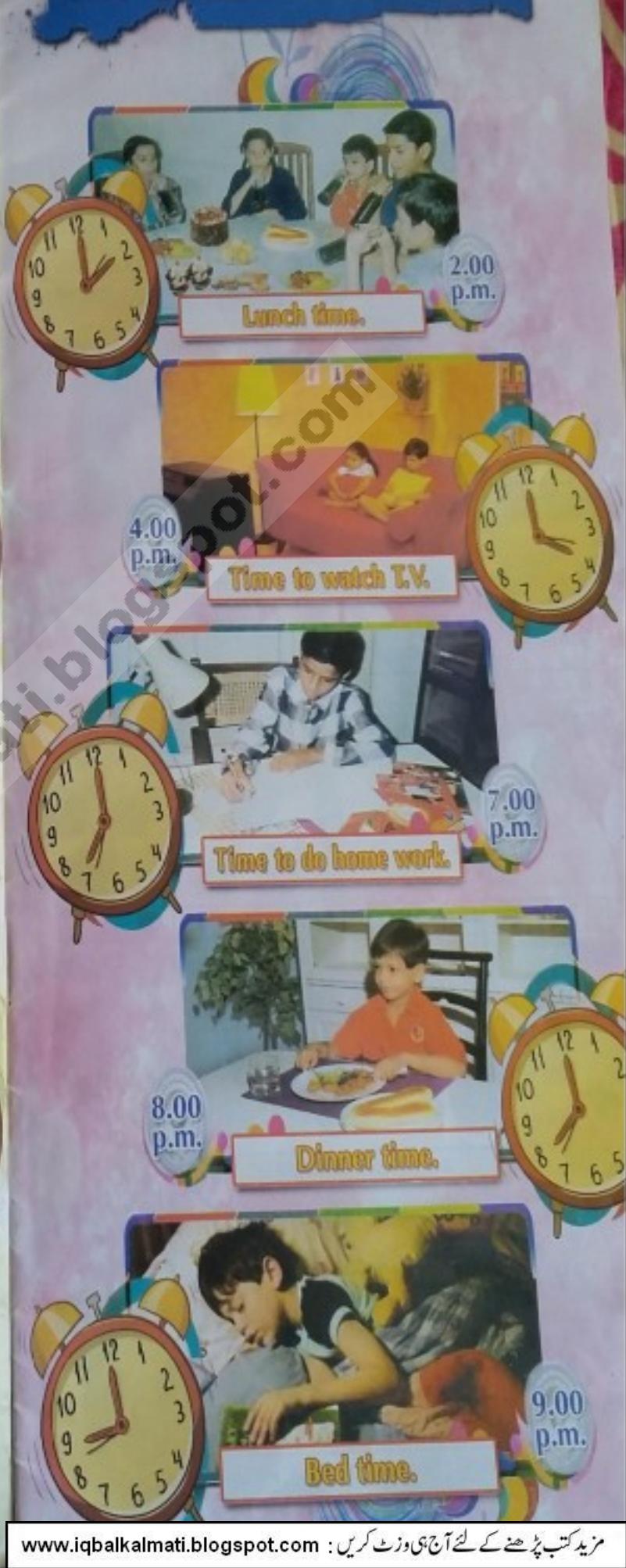
Educational Publishers

GABA EDUCATIONAL BOOKS

MY DAILY TIME TABLE



MY DAILY TIME TABLE



COUNTING 1 (ONE) TO 10 (TEN)



1 ONE FROG



1 + 1 TWO SPARROWS



2 + 1 THREE FISH



3 + 1 FOUR HONEY-BEES



4 + 1 FIVE DUCKS



5 + 1 SIX RABBITS



6 + 1 SEVEN CHICKS



7 + 1 EIGHT SNAILS



8 + 1 NINE LADYBIRDS



9 + 1 TEN BUTTERFLIES

ALPHABETS



Apple



Bat



Cup



Drum



Eye



Flower



Goat



Hat



Ice-cream



Joker



Key



Lemon



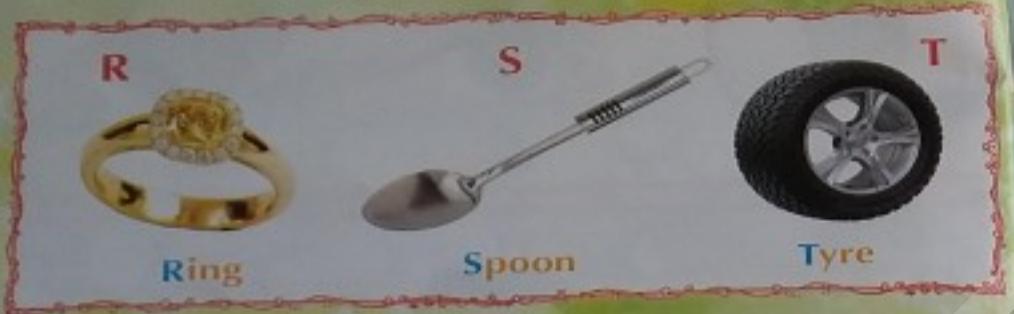
Milk



N

Nest

ALPHABETS



COMPUTER AND ITS PARTS



COLOURS AND SHAPES



SIGNS AND SYMBOLS IN MATHEMATICS

$+$	addition	\in	belongs to
$-$	subtraction	\notin	does not belong to
\times	multiplication	\Rightarrow	implies
\div	division	\Leftrightarrow	implies and is implied by
$=$	is equal to	\triangle	triangle
\neq	is not equal to	\square	square
\approx	is approximately equal to	\circ	circle
\equiv	is identical to	\square	rectangle
$>$	greater than	$@$	at the rate of
$<$	less than	$:$	decimal point, e.g., 0.9
\geq	not less than	\dots	ratio, e.g., 2:3
\leq	parallel to	\angle	angle
\perp	perpendicular to	$rt. L$	right angle
Σ	the sum of	4°	four degrees
∞	infinity	$5'$	five minutes
\in	is a member of the set of	$5''$	five seconds
\notin	is not a member of the set of	6 hrs.	six hours
\cup	union	\therefore	therefore
\cap	intersection	\because	because
\subset	subset of	AB	segment AB
$\not\subset$	not a subset of	AB	ray AB
		AB	line AB

NUMBERS AND THEIR NAMES AT A GLANCE

1	ONE	11	ELEVEN	21	TWENTY ONE	31	THIRTY ONE	41	FOURTY ONE
2	TWO	12	TWELVE	22	TWENTY TWO	32	THIRTY TWO	42	FOURTY TWO
3	THREE	13	THIRTEEN	23	TWENTY THREE	33	THIRTY THREE	43	FOURTY THREE
4	FOUR	14	FOURTEEN	24	TWENTY FOUR	34	THIRTY FOUR	44	FOURTY FOUR
5	FIVE	15	FIFTEEN	25	TWENTY FIVE	35	THIRTY FIVE	45	FOURTY FIVE
6	SIX	16	SIXTEEN	26	TWENTY SIX	36	THIRTY SIX	46	FOURTY SIX
7	SEVEN	17	SEVENTEEN	27	TWENTY SEVEN	37	THIRTY SEVEN	47	FOURTY SEVEN
8	EIGHT	18	EIGHTEEN	28	TWENTY EIGHT	38	THIRTY EIGHT	48	FOURTY EIGHT
9	NINE	19	NINETEEN	29	TWENTY NINE	39	THIRTY NINE	49	FOURTY NINE
10	TEN	20	TWENTY	30	THIRTY	40	FOURTY	50	FIFTY

NUMBERS AND THEIR NAMES AT A GLANCE

51 FIFTY ONE	61 SIXTY ONE	71 SEVENTY ONE	81 EIGHTY ONE	91 NINETY ONE
52 FIFTY TWO	62 SIXTY TWO	72 SEVENTY TWO	82 EIGHTY TWO	92 NINETY TWO
53 FIFTY THREE	63 SIXTY THREE	73 SEVENTY THREE	83 EIGHTY THREE	93 NINETY THREE
54 FIFTY FOUR	64 SIXTY FOUR	74 SEVENTY FOUR	84 EIGHTY FOUR	94 NINETY FOUR
55 FIFTY FIVE	65 SIXTY FIVE	75 SEVENTY FIVE	85 EIGHTY FIVE	95 NINETY FIVE
56 FIFTY SIX	66 SIXTY SIX	76 SEVENTY SIX	86 EIGHTY SIX	96 NINETY SIX
57 FIFTY SEVEN	67 SIXTY SEVEN	77 SEVENTY SEVEN	87 EIGHTY SEVEN	97 NINETY SEVEN
58 FIFTY EIGHT	68 SIXTY EIGHT	78 SEVENTY EIGHT	88 EIGHTY EIGHT	98 NINETY EIGHT
59 FIFTY NINE	69 SIXTY NINE	79 SEVENTY NINE	89 EIGHTY NINE	99 NINETY NINE
60 SIXTY	70 SEVENTY	80 EIGHTY	90 NINETY	100 ONE HUNDRED

WHAT IS A MULTIPLICATION TABLE?

A multiplication table is the skip counting you learnt in nursery or KG !

The table of 2 is

2	4	6	8	10	12	14	16	18	20
One 2 2 x 1	Two 2s 2 x 2	Three 2s 2 x 3	Four 2s 2 x 4	Five 2s 2 x 5	Six 2s 2 x 6	Seven 2s 2 x 7	Eight 2s 2 x 8	Nine 2s 2 x 9	Ten 2s 2 x 10

The table of 5 is

5	10	15	20	25	30	35	40	45	50
One 5 5 x 1	Two 5s 5 x 2	Three 5s 5 x 3	Four 5s 5 x 4	Five 5s 5 x 5	Six 5s 5 x 6	Seven 5s 5 x 7	Eight 5s 5 x 8	Nine 5s 5 x 9	Ten 5s 5 x 10

HOW TO SAY MULTIPLICATION TABLE.

Two ones are **two**

Two twos are **four**

Two threes are **six**

Two fours are **eight**

Two fives are **ten**

Two sixes are **twelve**

Two sevens are **fourteen**

Two eights are **sixteen**

Two nines are **eighteen**

Two tens are **twenty**

Two elevens are **twenty-two**

Two twelves are **twenty-four**

Two thirteens are **twenty-six**

Two fourteens are **twenty-eight**

Two fifteens are **thirty**

Two sixteens are **thirty-two**

Two seventeens are **thirty-four**

Two eighteens are **thirty-six**

Two nineteens are **thirty-eight**

Two twenties are **forty**

MULTIPLICATION TABLE OF 0

ZERO

0

$$0 \times 1 = 0$$

$$0 \times 2 = 0$$

$$0 \times 3 = 0$$

$$0 \times 4 = 0$$

$$0 \times 5 = 0$$

$$0 \times 6 = 0$$

$$0 \times 7 = 0$$

$$0 \times 8 = 0$$

$$0 \times 9 = 0$$

$$0 \times 10 = 0$$

$$0 \times 11 = 0$$

$$0 \times 12 = 0$$

MULTIPLICATION TABLE OF 1

ONE

1

$$1 \times 1 = 1$$

$$1 \times 2 = 2$$

$$1 \times 3 = 3$$

$$1 \times 4 = 4$$

$$1 \times 5 = 5$$

$$1 \times 6 = 6$$

$$1 \times 7 = 7$$

$$1 \times 8 = 8$$

$$1 \times 9 = 9$$

$$1 \times 10 = 10$$

$$1 \times 11 = 11$$

$$1 \times 12 = 12$$

MULTIPLICATION TABLE OF 2

TWO

II

MULTIPLICATION TABLE OF 3

THREE

III

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

$$2 \times 6 = 12$$

$$2 \times 7 = 14$$

$$2 \times 8 = 16$$

$$2 \times 9 = 18$$

$$2 \times 10 = 20$$

$$2 \times 11 = 22$$

$$2 \times 12 = 24$$

$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

$$3 \times 3 = 9$$

$$3 \times 4 = 12$$

$$3 \times 5 = 15$$

$$3 \times 6 = 18$$

$$3 \times 7 = 21$$

$$3 \times 8 = 24$$

$$3 \times 9 = 27$$

$$3 \times 10 = 30$$

$$3 \times 11 = 33$$

$$3 \times 12 = 36$$

MULTIPLICATION TABLE OF 4

FOUR

IV

$$4 \times 1 = 4$$

$$4 \times 2 = 8$$

$$4 \times 3 = 12$$

$$4 \times 4 = 16$$

$$4 \times 5 = 20$$

$$4 \times 6 = 24$$

$$4 \times 7 = 28$$

$$4 \times 8 = 32$$

$$4 \times 9 = 36$$

$$4 \times 10 = 40$$

$$4 \times 11 = 44$$

$$4 \times 12 = 48$$

MULTIPLICATION TABLE OF 5

FIVE

V

$$5 \times 1 = 5$$

$$5 \times 2 = 10$$

$$5 \times 3 = 15$$

$$5 \times 4 = 20$$

$$5 \times 5 = 25$$

$$5 \times 6 = 30$$

$$5 \times 7 = 35$$

$$5 \times 8 = 40$$

$$5 \times 9 = 45$$

$$5 \times 10 = 50$$

$$5 \times 11 = 55$$

$$5 \times 12 = 60$$

MULTIPLICATION TABLE OF 6

SIX

VI

$$6 \times 1 = 6$$

$$6 \times 2 = 12$$

$$6 \times 3 = 18$$

$$6 \times 4 = 24$$

$$6 \times 5 = 30$$

$$6 \times 6 = 36$$

$$6 \times 7 = 42$$

$$6 \times 8 = 48$$

$$6 \times 9 = 54$$

$$6 \times 10 = 60$$

$$6 \times 11 = 66$$

$$6 \times 12 = 72$$

MULTIPLICATION TABLE OF 7

SEVEN

VII

$$7 \times 1 = 7$$

$$7 \times 2 = 14$$

$$7 \times 3 = 21$$

$$7 \times 4 = 28$$

$$7 \times 5 = 35$$

$$7 \times 6 = 42$$

$$7 \times 7 = 49$$

$$7 \times 8 = 56$$

$$7 \times 9 = 63$$

$$7 \times 10 = 70$$

$$7 \times 11 = 77$$

$$7 \times 12 = 84$$

MULTIPLICATION TABLE OF 8

EIGHT

VIII

MULTIPLICATION TABLE OF 9

NINE

IX

8	\times	1	$=$	8
8	\times	2	$=$	16
8	\times	3	$=$	24
8	\times	4	$=$	32
8	\times	5	$=$	40
8	\times	6	$=$	48
8	\times	7	$=$	56
8	\times	8	$=$	64
8	\times	9	$=$	72
8	\times	10	$=$	80
8	\times	11	$=$	88
8	\times	12	$=$	96

9	\times	1	$=$	9
9	\times	2	$=$	18
9	\times	3	$=$	27
9	\times	4	$=$	36
9	\times	5	$=$	45
9	\times	6	$=$	54
9	\times	7	$=$	63
9	\times	8	$=$	72
9	\times	9	$=$	81
9	\times	10	$=$	90
9	\times	11	$=$	99
9	\times	12	$=$	108

MULTIPLICATION TABLE OF 10

TEN

X

$$10 \times 1 = 10$$

$$10 \times 2 = 20$$

$$10 \times 3 = 30$$

$$10 \times 4 = 40$$

$$10 \times 5 = 50$$

$$10 \times 6 = 60$$

$$10 \times 7 = 70$$

$$10 \times 8 = 80$$

$$10 \times 9 = 90$$

$$10 \times 10 = 100$$

$$10 \times 11 = 110$$

$$10 \times 12 = 120$$

MULTIPLICATION TABLE OF 11

ELEVEN

XI

$$11 \times 1 = 11$$

$$11 \times 2 = 22$$

$$11 \times 3 = 33$$

$$11 \times 4 = 44$$

$$11 \times 5 = 55$$

$$11 \times 6 = 66$$

$$11 \times 7 = 77$$

$$11 \times 8 = 88$$

$$11 \times 9 = 99$$

$$11 \times 10 = 110$$

$$11 \times 11 = 121$$

$$11 \times 12 = 132$$

MULTIPLICATION TABLE OF 12

TWELVE

XII

$$12 \times 1 = 12$$

$$12 \times 2 = 24$$

$$12 \times 3 = 36$$

$$12 \times 4 = 48$$

$$12 \times 5 = 60$$

$$12 \times 6 = 72$$

$$12 \times 7 = 84$$

$$12 \times 8 = 96$$

$$12 \times 9 = 108$$

$$12 \times 10 = 120$$

$$12 \times 11 = 132$$

$$12 \times 12 = 144$$

MULTIPLICATION TABLE OF 13

THIRTEEN

XIII

$$13 \times 1 = 13$$

$$13 \times 2 = 26$$

$$13 \times 3 = 39$$

$$13 \times 4 = 52$$

$$13 \times 5 = 65$$

$$13 \times 6 = 78$$

$$13 \times 7 = 91$$

$$13 \times 8 = 104$$

$$13 \times 9 = 117$$

$$13 \times 10 = 130$$

$$13 \times 11 = 143$$

$$13 \times 12 = 156$$

MULTIPLICATION TABLE OF 14

FOURTEEN

XIV

MULTIPLICATION TABLE OF 15

FIFTEEN

XV

$$14 \times 1 = 14$$

$$14 \times 2 = 28$$

$$14 \times 3 = 42$$

$$14 \times 4 = 56$$

$$14 \times 5 = 70$$

$$14 \times 6 = 84$$

$$14 \times 7 = 98$$

$$14 \times 8 = 112$$

$$14 \times 9 = 126$$

$$14 \times 10 = 140$$

$$14 \times 11 = 154$$

$$14 \times 12 = 168$$

$$15 \times 1 = 15$$

$$15 \times 2 = 30$$

$$15 \times 3 = 45$$

$$15 \times 4 = 60$$

$$15 \times 5 = 75$$

$$15 \times 6 = 90$$

$$15 \times 7 = 105$$

$$15 \times 8 = 120$$

$$15 \times 9 = 135$$

$$15 \times 10 = 150$$

$$15 \times 11 = 165$$

$$15 \times 12 = 180$$

MULTIPLICATION TABLE OF 16

SIXTEEN

XVI

$$16 \times 1 = 16$$

$$16 \times 2 = 32$$

$$16 \times 3 = 48$$

$$16 \times 4 = 64$$

$$16 \times 5 = 80$$

$$16 \times 6 = 96$$

$$16 \times 7 = 112$$

$$16 \times 8 = 128$$

$$16 \times 9 = 144$$

$$16 \times 10 = 160$$

$$16 \times 11 = 176$$

$$16 \times 12 = 192$$

MULTIPLICATION TABLE OF 17

SEVENTEEN

XVII

$$17 \times 1 = 17$$

$$17 \times 2 = 34$$

$$17 \times 3 = 51$$

$$17 \times 4 = 68$$

$$17 \times 5 = 85$$

$$17 \times 6 = 102$$

$$17 \times 7 = 119$$

$$17 \times 8 = 136$$

$$17 \times 9 = 153$$

$$17 \times 10 = 170$$

$$17 \times 11 = 187$$

$$17 \times 12 = 204$$

MULTIPLICATION TABLE OF

18

EIGHTEEN

XVIII

$$18 \times 1 = 18$$

$$18 \times 2 = 36$$

$$18 \times 3 = 54$$

$$18 \times 4 = 72$$

$$18 \times 5 = 90$$

$$18 \times 6 = 108$$

$$18 \times 7 = 126$$

$$18 \times 8 = 144$$

$$18 \times 9 = 162$$

$$18 \times 10 = 180$$

$$18 \times 11 = 198$$

$$18 \times 12 = 216$$

MULTIPLICATION TABLE OF

19

NINETEEN

XIX

$$19 \times 1 = 19$$

$$19 \times 2 = 38$$

$$19 \times 3 = 57$$

$$19 \times 4 = 76$$

$$19 \times 5 = 95$$

$$19 \times 6 = 114$$

$$19 \times 7 = 133$$

$$19 \times 8 = 152$$

$$19 \times 9 = 171$$

$$19 \times 10 = 190$$

$$19 \times 11 = 209$$

$$19 \times 12 = 228$$

MULTIPLICATION TABLE OF **20**

TWENTY

XX

20	×	1	=	20
20	×	2	=	40
20	×	3	=	60
20	×	4	=	80
20	×	5	=	100
20	×	6	=	120
20	×	7	=	140
20	×	8	=	160
20	×	9	=	180
20	×	10	=	200
20	×	11	=	220
20	×	12	=	240

ANIMALS



HORSE



ELEPHANT



WOLF



CAMEL



SQUIRREL



RABBIT



FROG



COW



BEAR



KANGAROO



DEER



YAK



LION



FOX



GIRAFFE



SHEEP



MONKEY



TIGER

BIRDS



PARROT



OSTRICH



HEN



SWALLOW



PELICAN



EAGLE



OWL



QUAIL



PIGEON



SPARROW



PENGUIN



SEAGULL



DUCK



HAWK



TURKEY



MYNAH



KING FISHER



FLAMINGO

VEGETABLES



BEET ROOT



PEAS



CAPSICUM



CARROT



POTATO



BITTER-GOURD



CABBAGE



GARLIC



TURNIP



ONIONS



LADYFINGERS



BEANS



RADISH



BRINJALS



CUCUMBERS



CAULIFLOWER



LEMONS



TOMATO

FRUITS



PLUMS



APPLE



CHERRIES



PEACHES



LIMES



MANGO



STRAWBERRIES



GRAPES



ORANGE



BANANAS



POMEGRANATES



CHIKUS



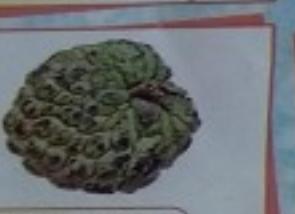
COCONUT



PINEAPPLES



PAPAYAS



CUSTARD APPLE



PEARS



WATER MELONS

FLOWERS



JASMINE



ROSE



BOUGAINVILLA



WATERLILY



SUNFLOWER



ARUM LILY



BLUE-BELLS



FREESIA



TIGER-LILY



HIBISCUS



DAFFODIL



MARIGOLD



CANNA



TULIP



DAISY



FUCHSIA



LOTUS



CHINAROS

MEANS OF TRANSPORT



MOTOR CAR



TRAIN



AEROPLANE



AUTO RICKSHAW



WAGON



HELICOPTER



FERRY



PICKUP



SHIP



BICYCLE



BUS



MOTOR CYCLE



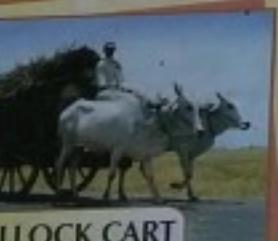
DOUBLE DECKER



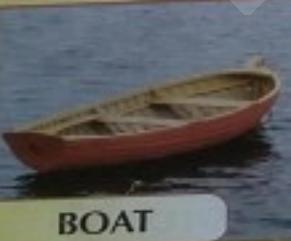
SCOOTER



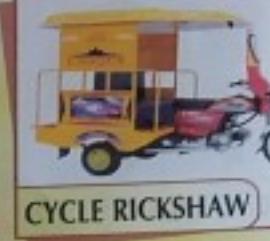
CAB



BULLOCK CART



BOAT



CYCLE RICKSHAW

INSECTS



GRASSHOPPER



BUG



ANT



LEAF INSECT



COCKROACH



HONEYBEE



MOTH



BEETLE



LADYBIRD



TERMITE



DRAGONFLY



STICK INSECT



HOUSE FLY



BUMBLE BEE



SPIDER



CRICKET



MOSQUITO



BUTTERFLY

MEASUREMENT OF TIME



TABLE OF TIME

Time is measured through the following facts.

It takes $365 \frac{1}{4}$ days for the earth to go once round the Sun.

It takes 24 hours (one day) for the earth to make one full rotation on its axis.

60 Seconds (S)	= 1 Minute (min)
60 Minutes	= 1 Hour
24 Hours	= 1 Day
7 Days	= 1 Week
30 Days	= 1 Month (approx.)
365 Days	= 1 year = 12 Months
366 Days	= 1 Leap Year = 12 Months
10 Year	= 1 Decade
100 Years	= 1 Century
1000 Years	= 10 Centuries = 1 Millennium

DENOTING TIME

The time after midnight and before noon is referred to as Ante-Meridiem (a.m.)
e.g. 3 a.m., 6 a.m., 7.20 a.m., and so on.

The time after noon and before midnight is referred to as Post-Meridiem (p.m.)
e.g. 5 p.m., 4 p.m., 9 p.m. and so on.



MONTHS OF THE YEAR

Months	Days	Months	Days
1. January	31	6. June	30
2. February	28/29	7. July	31
Except in leap year, there's the time when February's days are twenty-nine.		8. August	31
3. March	31	9. September	30
4. April	30	10. October	31
5. May	31	11. November	30
		12. December	31

READ THE TIME

10:00

The long hand is at 12.
The short hand is at 10.
It is ten o'clock.



10:05

The long hand is at 1.
The short hand is between 10 and 11.
It is five past ten.



10:10

The long hand is at 2.
The short hand is between 10 and 11.
It is ten past ten.



10:15

The long hand is at 3.
The short hand is between 10 and 11.
It is quarter past ten.



10:20

The long hand is at 4.
The short hand is between 10 and 11.
It is twenty past ten.



10:25

The long hand is at 5.
The short hand is between 10 and 11.
It is twenty-five past ten.



10:30

The long hand is at 6.
The short hand is between 10 and 11.
It is half past ten.



READ THE TIME

10:35

The long hand is at 7.
The short hand is between 10 and 11.
It is twenty-five to eleven.



10:40

The long hand is at 8.
The short hand is between 10 and 11.
It is twenty to eleven.



10:45

The long hand is at 9.
The short hand is between 10 and 11.
It is quarter to eleven.



10:50

The long hand is at 10.
The short hand is between 10 and 11.
It is ten to eleven.



10:55

The long hand is at 11.
The short hand is between 10 and 11.
It is five to eleven.



11:00

The long hand is at 12.
The short hand is at 11.
It is eleven o'clock.



NUMBERS & THEIR TYPES

1	100000
ONE UNIT	HUNDRED, THOUSAND or LAKH
10	1000000
TEN	MILLION OR TEN LAKHS
100	10000000
HUNDRED	TEN MILLIONS OR CRORE
1000	100000000
THOUSAND	HUNDRED MILLIONS OR TEN CRORES
10000	1000000000
TEN THOUSAND	BILLION

NATURAL NUMBERS

All the numbers used for counting, starting from ONE are called "NATURAL" numbers. e.g. 1,2,3,4,5,6,7,.....

WHOLE NUMBERS

All natural numbers along with ZERO (0) are called "WHOLE" numbers : e.g. 0,1,2,3,4,5,.....

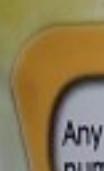


EVEN NUMBERS



Any number which is divisible by 2 is called "EVEN" number.
They are : 2,4,6,8,10,14,22,36,48,56, etc.

ODD NUMBERS



Any number which is NOT divisible by 2 is called "ODD" number. They are : 1,3,5,7,9,13,21,35,47,59,63, etc.



PRIME NUMBERS



Any number which is divisible by 1 and by itself is called a 'PRIME' number. These numbers are not divisible by any other numbers.
The 25 Prime numbers below 100 are 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89 and 97.

NUMBERS & THEIR TYPES

FRACTIONAL NUMBERS (FRACTIONS)

Any number which is a part of a whole is called a "FRACTIONAL" number or "FRACTION" such numbers are written as

$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{3}{5}$, e.g.

$\frac{1}{2}$ (half) is a part of

1 (Whole)

The number line shows the fractional numbers.

Fractional Name Fractional Numbers	
Half	$\frac{1}{2}$
One-third	$\frac{1}{3}$
One-fourth	$\frac{1}{4}$
Three-fifths	$\frac{3}{5}$ and so on

SQUARES OF NUMBERS

A number which is obtained by multiplying a number once by itself is the 'SQUARE' of that number.

e.g. 2×2 gives 4. Therefore 4 is the square of 2.

3×3 gives 9. Therefore 9 is the square of 3.

SQUARES OF NUMBERS	Number	Squares	Number	Squares
	1	1	11	121
	2	4	12	144
	3	9	13	169
	4	16	14	196
	5	25	15	225
	6	36	16	256
	7	49	17	289
	8	64	18	324
	9	81	19	361
	10	100	20	400

CUBES OF NUMBERS

A number which is obtained by multiplying a number twice by itself is the "cube" of that number.

e.g. $2 \times 2 \times 2$ gives 8, therefore 8 is the Cube of 2.

$6 \times 6 \times 6$ gives 216, therefore 216 is cube of 6.

DECIMAL NUMBERS

Fractional numbers can also be indicated by placing a dot called the decimal point. e.g. the fraction $\frac{1}{4}$ can be written as 0.25

$\frac{1}{2}$ can be written as 0.50

$\frac{1}{4}$ can be written as 1.75

Therefore any number that comes after the decimal point is always lesser than 1 (whole).

METRIC MEASURES

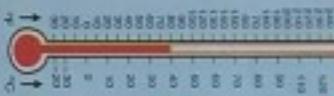
WEIGHT

10 Milligrams	= 1 Centigram
10 Centigrams	= 1 Decigram
10 Decigrams	= 1 Gram (g.)
(1 Gram	= 1000 mg.)
10 Grams	= 1 Decogram
10 Decagrams	= 1 Hectogram
10 Hectograms	= 1 Kilogram (kg.)
(1 Kilogram	= 1000 g.)
10 Kilograms	= 1 Myriogram
10 Myriograms	= 1 Quintal
10 Quintals	= 1 Metric Tonne
(1 tonne	= 1000 Kg.)

MEANING OF METRIC PREFIXES

Thousand	Hundred	Ten	Basic Unit	Tenth	Hundredth	Thousandth
1000	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
kilo	hecto	deca	Metric Units Metre Litre gram	deci	centi	milli

MEASUREMENT OF TEMPERATURE



PAPER MEASURES

24 sheets	= 1 quire
20 quires	= 1 ream
10 reams	= 1 bale
500 sheets	= 1 commercial ream

NUMBER MEASURES

Unit	= 1
2 units	= 1 pair
12 units	= 1 dozen
144 units	= 1 gross
20 units	= 1 score

METRIC MEASURES

LENGTH

10 Millimetres	= 1 Centimetre
10 Centimetres	= 1 Decimetre
10 Decimetres	= 1 Metre (m.)
(1 Metre = 100cm.)	= 1000 mm.)
10 Metres	= 1 Decametre
10 Decametres	= 1 Hectometre
10 Hectometres	= 1 Kilometre (km.)
(1 Kilometre	= 1000 m.)

LIQUID

10 Millilitres	= 1 Centilitre
10 Centilitres	= 1 Decilitre
10 Decilitres	= 1 Litre
(1 Litre	= 1000ml.)
10 Litres	= 1 Decalitre
10 Decalitres	= 1 Hectolitre
10 Hectolitres	= 1 Kilolitre
(1 Kilolitre	= 1000 Litres)

ROMAN NUMERALS

In Figures	Roman Numerals	In Figures	Roman Numerals	In Figures	Roman Numerals
1	I	13	XIII	25	XXV
2	II	14	XIV	30	XXX
3	III	15	XV	40	XL
4	IV	16	XVI	50	L
5	V	17	XVII	60	LX
6	VI	18	XVIII	90	XC
7	VII	19	XIX	100	C
8	VIII	20	XX	500	D
9	IX	21	XXI	900	CM
10	X	22	XXII	1000	M
11	XI	23	XXIII	1900	MCM
12	XII	24	XXIV		

A line drawn over the roman numeral indicates that it is multiplied by 1000 e.g. IX = 9000

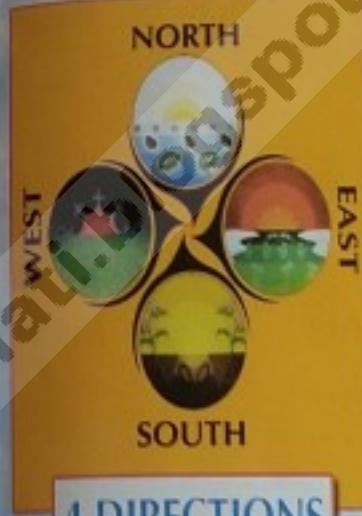
EARTH AND SOLAR SYSTEM



THE SUN



THE MOON & STARS



4 DIRECTIONS



8 DIRECTIONS

Days of the Week

Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6
Sunday	7

DAYS OF THE WEEK



Dec-31
Jan-31
Feb-28



Mar-31
Apr-30
May-31



Jun-30
Jul-31
Aug-31



Sep-30
Oct-31
Nov-31

ONE YEAR
SEASONS AND MONTHS

Left to right and then from top to bottom to do the desired multiplication.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	250	255	270	285	300
16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400